

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently amended) A circular stapler comprising:  
a detachable anvil;  
a head section coupled to the detachable the anvil and having a head section cover;  
a cylindrical body that longitudinally extends, one end of the cylindrical body is coupled to the head section by a transition section;  
an axis extending through a center of the detachable anvil and a center of the cylindrical body; and  
wherein a recessed portion in a side surface of the transition section is positioned proximate to the head section cover such that a radial distance from the axis to any point on a surface of the recessed portion is less than a radial distance from the axis to any point on a surface of the cylindrical body and wherein the recessed portion is adapted to receive an inner portion of an intestine.
2. (Original) The circular stapler according to claim 1, wherein the head section cover has a circular plate shape.

3. (Original) The circular stapler according to claim 2, wherein the head section comprises:

a cylindrical blade;

a staple holder having a plurality of staple slots which surround the outer circumferential portion of the cylindrical blade, staples being provided inside the staple slots;

a push member provided with a protruded portion inserted into the staple slots for pushing the staples; and

a support positioned under the push member and having a circular plate-shaped top for pushing the push member.

4. (Original) The circular stapler according to claim 3, wherein the push member has a circular plate-shaped housing and the protruded portion is formed on the circular plate-shaped housing.

5. (Original) The circular stapler according to claim 3, wherein the push member is coupled integrally to the support.

6. (Original) The circular stapler according to claim 3, wherein the circular plate-shaped top is made of steel.

7. (Previously presented) The circular stapler according to claim 1, wherein the length of the head section cover in a longitudinal direction of the cylindrical body is set to 15 through 18 mm.

8. (Original) The circular stapler according to claim 1, wherein the cylindrical body has an arch shape.

9. (Original) The circular stapler according to claim 1, further comprising a detachable cap which is coupled and fixed to the recessed portion.

10. (Original) The circular stapler according to claim 1, further comprising a shaft which passes through the head section and the cylindrical body and extends long, wherein the diameter of the shaft is set to 1.0 through 1.5 mm.

11. (Original) The circular stapler according to claim 1, further comprising a trigger which is provided at a lower portion of the cylindrical body to oppose the recessed portion and which pushes the support.

12. (Previously presented) The circular stapler according to claim 1, wherein the recessed portion in the side surface of the cylindrical body is further positioned to receive the circumferential length of at least one tubular tissue.

13. (Previously presented) The circular stapler according to claim 1 further comprising means for anastomosing at least two tubular tissue sections connected end to end.

14. (Previously presented) The circular stapler according to claim 1 further comprising means for anastomosing at least two tubular tissue sections connected end to side.

15. (Currently amended) A surgical stapler comprising:

- a detachable anvil;
- a head section coupled to the detachable the anvil and having a head section cover;
- a cylindrical body that longitudinally extends, one end of the cylindrical body is coupled to the head section by a transition section;
- a cylindrical blade;
- a staple holder having a plurality of staple slots which surround the outer circumferential portion of the cylindrical blade, staples being provided inside the staple slots;
- a push member provided with a protruded portion inserted into the staple slots for pushing the staples;
- a support positioned under the push member and having a circular plate-shaped top for pushing the push member;
- an axis extending through a center of the detachable anvil and a center of the cylindrical body;
- wherein a recessed portion in a side surface of the transition section is positioned proximate to the head section cover such that a radial distance from the axis to any point on a

surface of the recessed portion is less than a radial distance from the axis to any point on a surface of the cylindrical body, wherein the recessed portion is adapted to receive an inner portion of an intestine, and wherein the length of the head section cover in a longitudinal direction of the cylindrical body is in a range from 15mm to 18 mm.

16. (Previously presented) The surgical stapler according to claim 15 further comprising a detachable cap which is coupled and releasably fixed to the recessed portion.

17. (Previously presented) The circular stapler according to claim 15, wherein the recessed portion in the side surface of the cylindrical body is further positioned to receive the circumferential length of at least one tubular tissue.

18. (Previously presented) The circular stapler according to claim 15 further comprising means for anastomosing at least two tubular tissue sections connected end to end.

19. (Previously presented) The circular stapler according to claim 15 further comprising means for anastomosing at least two tubular tissue sections connected end to side.